

Atty. Dkt. No. 065064-0133  
Appln. No. 09/700,179

Cont  
B1

B is a neutral amino acid, or P, A, G, S, T, V or L.

Preferably, the Z at position 3 is H or R.

Suitably, the Z at position 5 is K, N, E or D.

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Page 13, replace paragraph 6 with the following:

*B2*  
FIG. 5 shows the amino acid sequences for Txln 1 (SEQ ID NO: 46) and Txln 2 (SEQ ID NO: 47), as well as those of Taicotoxin associated plasmin inhibitor (TAC) (SEQ ID NO: 48) and aprotinin (APRO) (SEQ ID NO: 49). The sequences were aligned according to the location of the six cysteines.

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Page 13, replace paragraph 7 with the following:

*B3*  
FIG. 6 lists a partial cDNA sequence of *Txln 1* (SEQ ID NOS 50-51). The amino acid sequence encoded by this partial sequence is shown below the nucleotide sequence in single letter code. The letter "N" denotes a non-characterized nucleotide.

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Page 13, paragraph 8, through page 14, paragraph 1, please replace the text with the following:

*B4*  
FIG. 7 lists a partial cDNA sequence of *Txln 2* (SEQ ID NO: 52-53). The amino acid sequence encoded by this partial sequence is shown below the nucleotide sequence in single letter code. The letter "N" denotes a non-characterized nucleotide.

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Page 14, please replace the second full paragraph with the following:

*B5*  
FIG. 9 lists the *Txln 1* cDNA sequence (SEQ ID NO: 54) derived from nucleotide sequence analysis of the 5' and 3' RACE products.

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Page 14, please replace the third full paragraph with the following:

*B6*  
FIG. 10 shows the nucleotide and deduced amino acid sequences (SEQ ID NOS. 55-66, respectively, in order of appearance) relating to respective proforms of Txln 1-6.

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Page 14, please replace the fourth full paragraph with the following:

*B7*  
FIG. 11 shows a sequence comparison (SEQ ID NOS. 55-65, respectively, in order of appearance) of Textilinin polypeptide sequences using the PILEUP program of the GCG Wisconsin Suite.

Page 22, before the first paragraph, please delete the header and insert therefor:

**2.1 Textilinin Polypeptides**

Page 22, before the third paragraph, please delete the header and insert therefor:

**2.2 Textilinin Polypeptide fragments**

Page 22, before the fourth paragraph, please delete the header and insert therefor:

**2.3 Textilinin Polypeptide variants**

Page 24, please replace the second paragraph with the following:

In a preferred embodiment, the variant has the general formula:

*B8*  
KDZPZ $\ddot{Y}$ CZLBBZBGXCZXXBXF $\ddot{A}$ YXBZZZCBZFBYGGCXBNANNFXTXE  
ECESTCAA (SEQ ID NO: 45) (I), wherein: -

X is any amino acid;

$\ddot{Y}$  is a hydrophobic amino acid;

$\ddot{A}$  is an aromatic amino acid;

Z is K, R, H, D, E, Q or N; and

B is a neutral amino acid, or P, A, G, S, T, V or L.

Page 25, before the first paragraph, please delete the header and insert therefor:

**2.4 Textilinin Polypeptide derivatives**